СПИСЪК НА ПУБЛИКАЦИИТЕ

на доц. д-р Христо Георгиев Георгиев, НИМХ при БАН
(след придобиване на научното звание старши научен сътрудник II степен
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представени в конкурс за заемане на академична длъжност „професор"
в секция "Оперативни прогнози за времето" на департамент „Метеорологични прогнози"
на НИМХ-БАН
по научната специалност 01.04.11 „Метеорология (Синоптична и спътникова
метеорология)", професионално направление 4.1 „Физически науки",
обнародван в „Държавен вестник" бр. 37 от 15.05.2012 г.

1. Монографични трудове

1.1. Монография публикувана във вид на печатно издание

Santurette, P. and Georgiev, C. G. (2005). Weather Analysis and Forecasting: Applying Satellite Water Vapor Imagery and Potential Vorticity Analysis. ISBN: 0-12-619262-6. Academic Press, Elsevier Inc., 179 pp.

1.2. Монографично методично ръководство публикувано в Интернет

Kerkmann, J., Lutz, H.J., König, M., Prieto, J., Pylkko, P., Roesli, H.P., Rosenfeld, D., Zwatz-Meise, V., Schmetz, J., Schipper, J.J., Georgiev, C., Santurette, P. (2006). MSG channels Interpretation. Guide to Weather, surface conditions and atmospheric constituents (Edited by Veronika Zwatz-Meise and Jochen Kerkmann). Available online at http://oiswww.eumetsat.org/WEBOPS/msg_interpretation/index.html .

2. Публикации в специализирани научни списания с ISI импакт-фактор

2.1. Bocheva, L., Georgiev, C. G. and Simeonov, P. (2007). A climatic study of severe storms over Bulgaria produced by Mediterranean cyclones in 1990−2001 period. Atmos. Res., v. 83 (2-4 SPEC. ISS.), 284-293.

2.2. Georgiev, C.G. and Santurette, P. (2009). Mid-level jet in intense convective environment as seen in the 7.3 μm satellite imagery. Atmos. Res., 93, 277-285.

2.3. Georgiev, C.G. and Kozinarova, G. (2009). Usefulness of satellite water vapour imagery in forecasting strong convection: A flash-flood case study. Atmos. Res., 93, 295-303.

2.4. Georgiev, C.G. (2012). Information content of MPEF DIVergence product in diagnosing the environment of deep convection. Atmos. Res., doi: 10.1016/j.atmosres.2012.05.018. Под печат от Elsevier. Available online at http://www.sciencedirect.com/science/article/pii/S0169809512001573.

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3. Публикации в международни специализирани научни издания без ISI импакт фактор

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3.2. Santurette, P. and Georgiev, C.G. (2007). Water vapour imagery analysis in 7.3μ/6.2μ for diagnosing thermo-dynamic context of intense convection. In Proceedings Joint 2007 EUMETSAT Meteorological Satellite Conference and the 15th AMS Satellite Meteorology & Oceanography Conference, Amsterdam, The Netherlands, 24-28 September 2007. ISBN 92-9110-079-X, ISSN 1011-3932. EUMETSAT, Germany.

3.3. Georgiev, C.G., Santurette, P., Dupont, F. and Brunel, P. (2007). Quantitative evaluation of 6.2μm, 7.3μm, 8.7μm Meteosat channels response to tropospheric moisture distribution. In Proceedings Joint 2007 EUMETSAT Meteorological Satellite Conference and the 15th AMS Satellite Meteorology & Oceanography Conference, Amsterdam, The Netherlands, 24-28 September 2007. ISBN 92-9110-079-X, ISSN 1011-3932. EUMETSAT, Germany.

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4. Публикации в специализирани сборници в Интернет,

4.1. Kerkmann, J., Spiridonov V., Georgiev C., Dimitrov, Z. (2006). MSG detects high SO2 concentrations over Gulubovo-Stara Zagora, Bulgaria (15 June 2005) EUMETSAT Image Gallery Casa Studiesл EUMETSAT, Darmstadt. http://oiswww.eumetsat.org/WEBOPS/iotm/iotm/20050615_pollution/20050615_pollution.html.

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5. Доклади публикувани в специализирани сборници от международни конференции и семинари

5.1. Stoyanova, J.S., Georgiev C.G. (2007). Interactions between the atmosphere and mountain forest: local scale assessment of energy and water fluxes. Proceedings of the 29th International Conference on Alpine Meteorology (ICAM), 04-08 June 2007, Chambéry, France, 729-732. CD \ICAM2007\extended\manuscript_10, Meteo-France, Toulouse.

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5.10. Георгиев, Хр. (2010). Оперативни прогнози на времето в НИМХ. Анализ и прогноза на термодинамичните условия за развитие на опасни явления. Юбилейна научна сесия 120 години НИМХ и 150 години метеорологични наблюдения, 8 - 9 ноември 2010 г. http://info.meteo.bg/g120/ppts/Prognozi_CGeorgiev.ppt.

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6. Учебни пособия (авторски лекции) от курсове, проведени по интернет – онлайн

6.1. Georgiev, C. (2009). Deep moist convection: Thermodynamic context as seen in MSG WV
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7. Учебни материали (авторски разработки) публикувани в издания от учебни курсове по оперативна метеорология

7.1. Kerkmann, J. (author), König M., Georgiev C., Roesli HP., Rosenfeld, D. (contributors)
(2004). Introduction to MSG Channels & Image Interpretation /MSG-Image-
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8. **Учебни материали (авторски лекции) публикувани в интернет от България**

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